

APPENDIX A

13. An isolated KGF or KGF-like protein comprising the amino acid sequence in Figure 7.

14. A KGF or KGF-like protein, according to claim 13, which is not glycosylated.

21. An isolated keratinocyte growth factor (KGF) polypeptide with preferential mitogenic activity on cells of epithelial origin, said polypeptide comprising amino acids 65-156 and 162-189 of Figure 7.

23. A KGF or KGF-like protein according to claim 13 that lacks amino acids 1-31 of Figure 7.

24. A truncated keratinocyte growth factor (KGF) polypeptide which has preferential mitogenic activity for cells of epithelial origin, wherein said polypeptide is truncated within the region encoding amino acids 32-78 of the sequence of Figure 7.

29. A keratinocyte growth factor (KGF) polypeptide having preferential mitogenic activity on cells of epithelial origin, wherein the KGF polypeptide comprises amino acids 32-78 of Figure 7 or a portion thereof fused to the coding sequence region of a member of the fibroblast growth factor (FGF) family that is not KGF, wherein said coding sequence region corresponds to the region of amino acids 79-194 of Figure 7.

33. An isolated Keratinocyte Growth Factor (KGF) polypeptide or a portion thereof, having preferential mitogenic activity for cells of epithelial origin wherein said KGF polypeptide has a molecular weight of between 16 and 30 kDa.

34. The polypeptide according to claim 33 that is glycosylated.

35. The polypeptide according to claim 33 that is unglycosylated.

36. The polypeptide according to claim 29 wherein the fibroblast growth factor family member that is not KGF is acidic fibroblast growth factor (aFGF).

37. The polypeptide according to claim 29, wherein the fibroblast growth factor family member that is not KGF is acidic fibroblast growth factor (aFGF) and the corresponding amino acid region of aFGF comprises the C-terminal amino acids of aFGF, beginning at amino acid residue 39 and continuing to the C-terminal end of the aFGF coding sequence of aFGF.

38. An isolated Keratinocyte Growth Factor (KGF) polypeptide having preferential mitogenic activity on cells of epithelial origin and a molecular weight of between 16 and 30 kDa, wherein the polypeptide stimulates ³H thymidine incorporation into DNA that is at least about 50-times greater in BALB/MK cells than in NIH/3T3 cells, as measured by fold stimulation over background.

39. A pharmaceutical composition comprising the polypeptide or portion thereof according to any one of claims 13, 14, 21, 23, 24, 29, 31, 33-38 or 40 and a pharmaceutically acceptable carrier.

40. The polypeptide of claim 13, further comprising Met at the amino terminus.